

## Title (en)

MONOCLONAL ANTIBODIES AGAINST THE RGM A PROTEIN AND USES THEREOF

## Title (de)

MONOKLONALE ANTIKÖRPER GEGEN DAS RGM-A-PROTEIN UND VERWENDUNGEN DAVON

## Title (fr)

ANTICORPS MONOCLONAUX CONTRE LA PROTÉINE RGM A ET SES UTILISATIONS

## Publication

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## Application

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## Abstract (en)

The subject invention relates to isolated proteins, particularly monoclonal antibodies, which bind and neutralize RGM A protein. Specifically, these antibodies have the ability to inhibit the binding of RGM A to its receptor and/or coreceptors. These antibodies or portions thereof of the invention are useful for detecting RGM A and for inhibiting RGM A activity, for example in a human suffering from a disorder including but not limited to multiple sclerosis, mammalian brain trauma, spinal cord injury, stroke, neurodegenerative diseases, and schizophrenia.

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